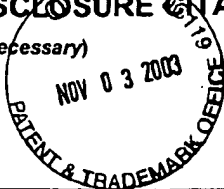


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50018A
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10/087,167
APPLICANT
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FILING DATE
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NO. 4256

Group
1038-1636
M. Harich

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA						

FOREIGN PATENT DOCUMENTS

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MM	AB	WO 99 02683	1/21/99	WIPO PCT	C12N 15/12 C12N 15/86	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

MM	AC	Martinez et al, <i>Creation of ecdysone receptor chimeras in plants for controlled regulation of gene expression</i> <i>Molecular & General Genetics</i> , Vol. 261 (1999), pp. 546-552
MM	AD	Wang et al, <i>Molecular Determinants of Differential Ligand Sensitivities of Insect Ecdysteroid Receptors</i> <i>Molecular and Cellular Biology</i> , Vol. 20, No. 11 (June 2000), pp. 3870-3879
	AE	
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*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

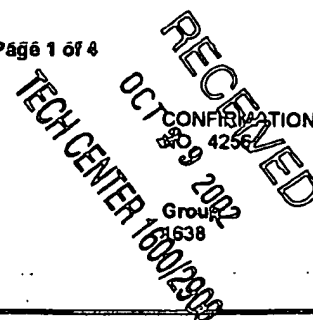
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MMA	AA	4,833,080	5/23/89	Bränt et al.	435	172.3	
	AB	4,981,784	1/1/91	Evans et al.	435	6	
	AC	5,171,671	12/15/92	Evans et al.	435	69.1	
	AD	5,262,300	11/16/93	Evans, et al.	435	6	
	AE	5,534,418	7/9/96	Evans et al.	435	69.1	
	AF	5,614,395	3/25/97	Ryals et al.	435	172.3	
	AG	5,641,652	6/24/97	Oro et al.	435	69.1	
	AH	5,688,691	11/18/97	Oro et al.	455	348	
	AI	5,707,800	1/13/98	Mangelsdorf et al.	435	6	
	AJ	5,710,004	1/20/98	Evans et al.	435	6	
	AK	5,874,534	2/23/99	Vegeto et al.	530	350	
	AL	5,880,333	3/9/99	Goff et al.	800	288	

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	AM	EP 0 332 104	6/3/89	EP			<input type="checkbox"/>	<input type="checkbox"/>
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	AO	WO 91 12258	1/20/94	WIPO			<input type="checkbox"/>	<input type="checkbox"/>
	AP	WO 91 13167	9/5/91	WIPO			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	WO 91 14695 A	10/3/91	WIPO			<input type="checkbox"/>	<input type="checkbox"/>
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	AV	WO 94 01558 A	1/20/94	WIPO			<input type="checkbox"/>	<input type="checkbox"/>
	AW	WO 96 27673 A	9/12/96	WIPO			<input type="checkbox"/>	<input type="checkbox"/>
	AX	WO 96 37609	11/28/96	WIPO			<input type="checkbox"/>	<input type="checkbox"/>
	AY	WO 97 38117	10/16/97	WIPO			<input type="checkbox"/>	<input type="checkbox"/>

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mm	BA	Beato, M., <i>Gene Regulation by Steroid, Cell</i> , Vol. 56 (February 10, 1989) pp. 335-344
mm	BB	Brent, R. and Ptashne, M., <i>A Eukaryotic Transcriptional Activator Bearing the DNA Specificity of a Prokaryotic Repressor Cell</i> , Vol. 43 (1985) pp. 729-736
mm	BC	Christianson, A. and Kafatos, F., <i>Binding Affinity of the Drosophila melanogaster CF1/USP Protein to the Chorion s15 Promoter Biochemical and Biophysical Research Communications</i> , Vol. 193, No. 3 (June 30, 1993) pp. 1318-1323
mm	BD	Christopherson, et al., <i>Ecdysteroid-dependent regulation of genes in mammalian cells by a Drosophila ecdysone receptor and chimeric transactivators, Proceedings of the National Academy of Sciences</i> , Vol. 89 (1992) pp. 6314-6318.
mm	BE	Desjarlais, J. R. and Berg, J. M., <i>Use of a zinc-finger consensus sequence framework and specificity rules to design specific DNA binding proteins Proceedings of the National Academy of Science, USA</i> , Vol. 90 (March 1993), pp. 2256-2260
mm	BF	Dhadialla et al., <i>New Insecticides with Ecdysteroidal and Juvenile Hormone Activity Annual Review of Entomology</i> , Vol. 43 (1998) pp. 545-569
mm	BG	Evans, R., <i>The Steroid and Thyroid Hormone Receptor Superfamily Science</i> , Vol. 240 (May 13, 1988) pp. 889-895
mm	BH	Fujiwara et al., <i>Cloning of an Ecdysone Receptor Homolog from Manduca Sexta and the Development Profile of Its mRNA in Wings Insect Biochemistry and Molecular Biology</i> , Vol. 25, No. 7 (1995) pp. 845-856
mm	BI	Gaffney et al., <i>Requirement of Salicylic Acid for the Induction of Systemic Acquired Resistance Science</i> , Vol. 261 (August 6, 1993) pp. 754-756
mm	BJ	Goff, et al., <i>Identification of functional domains in the maize transcriptional activator C1: comparison of wild-type and dominant inhibitor proteins Genes & Development</i> , Vol. 5 (1991) 298-309
mm	BK	Harmon et al., <i>Activation of mammalian retinoid X receptors by the insect growth regulator methoprene Proceedings of the National Academy of Sciences</i> , Vol. 92 (June 1995) p. 6157-6160
mm	BL	Henrich, et al., <i>A steroid/thyroid hormone receptor superfamily member in Drosophila melanogaster that shares extensive sequence similarity with a mammalian homologue Nucleic Acids Research</i> , Vol. 18, No. 14 (1990) pp. 4143-4148
mm	BM	Jones, G. and Sharp, Phillip, <i>Ultraspiracle: An invertebrate nuclear receptor for juvenile hormones Proceedings of the National Academy of Sciences</i> , Vol. 94 (December 1997), pp. 13499-13503

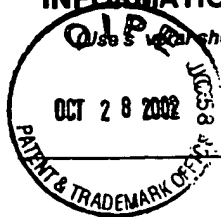
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mm	BN	Koelle, et al., <i>The Drosophila EcR Gene Encodes an Ecdysone Receptor, a New Member of the Steroid Receptor Superfamily Cell</i> , Vol. 67 (1991) pp. 59-77.
mm	BO	Kothapalli, et al., Cloning and developmental expression of the ecdysone receptor gene from the spruce budworm, <i>Choristoneura fumiferana</i> <i>Developmental Genetics</i> , Vol. 17 (1995) pp. 319-330.
mm	BP	Liu, et al., <i>Design of polydactyl zinc-finger proteins for unique addressing within complex genomes</i> <i>Proceedings of the National Academy of Science, USA</i> , Vol. 94 (May 1997) pp. 5525-5530
mm	BQ	Lloyd et al., <i>Epidermal Cell Fate Determination in Arabidopsis: Patterns Defined by a Steroid-Inducible Regulator</i> <i>Science</i> , Vol. 266 (October 21, 1994) pp. 436-439
mm	BR	Martinez et al., <i>A chemically inducible gene expression system for plants based on the ecdysteroid receptor from Heliothis virescens</i> <i>Plant Physiology, (Supp.)</i> Vol. 114, No. 3 (July 1997), pp. 258
mm	BS	Meijer, et al. <i>HD-Zip proteins of families I and II from rice: interactions and functional properties</i> <i>Molecular and General Genetics</i> , Vol. 263 (2000) pp. 12-21
mm	BT	Meshi, T. and Iwabuchi M., <i>Plant Transcription Factors</i> <i>Plant Cell Physiology</i> , Vol. 36(8) (1995) pp. 1405-1420
mm	BU	Ng, H. and Bird, A., <i>Histone deacetylases: silencers for hire</i> <i>Trends in Biochemical Sciences</i> , Vol. 25 (March 2000) pp. 121-126
mm	BV	Oro, et al., <i>Relationship between the product of the Drosophila ultraspiracle locus and the vertebrate retinoid X receptor</i> <i>Nature</i> , Vol. 347 (September 20, 1990), pp. 298-301
mm	BW	Oro, et al., <i>The Drosophila nuclear receptors: new insight into the actions of nuclear receptors in development</i> <i>Current Opinion in Genetics and Development</i> , Vol. 2 (1992), pp. 269-274
mm	BX	Palli, et al., <i>A nuclear juvenile hormone-binding protein from larvae of Manduca sexta: A putative receptor for the metamorphic action of juvenile hormone</i> <i>Proceedings of the National Academy of Sciences</i> , Vol. 91 (June 1994), pp. 6191-6195
mm	BY	Parker et al., <i>Structure and function of nuclear hormone receptors</i> <i>Seminars in Cancer Biology</i> , Vol. 1 (1990) p. 81-87

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mm	CA	Ptashne M., <i>How eukaryotic transcriptional activators work</i> <i>Nature</i> , Vol. 335 (1988) pp. 683-689.
mm	CB	Riddiford, L., <i>Hormone Receptors and the Regulation of Insect Metamorphosis Receptor</i> , Vol. 3 (1993) pp. 203-209
mm	CC	Sadowski, et al., <i>GAL4-VP16 is an unusually potent transcriptional activator</i> <i>Nature</i> , Vol. 335 (1988) 563-564
mm	CD	Saleh, D., et al., <i>Cloning and characterization of an ecdysone receptor cDNA from Locusta migratoria</i> <i>Molecular And Cellular. Endocrinology</i> , Vol. 143 (1998) pp. 91-99
mm	CE	Schena, M., et al. <i>A steroid-inducible gene expression system for plant cells</i> <i>Proceedings of the National Academy of Sciences</i> , Vol. 88 (December 1991) pp. 10421-10425
mm	CF	Segraves, A., <i>Something Old, Some Things New: The Steroid Receptor Superfamily in Drosophila</i> <i>Cell</i> , Vol. 67 (October 18, 1991) pp. 225-228
mm	CG	Sutherland, et al., <i>Drosophila hormone receptor 38: A second partner for Drosophila USP suggests an unexpected role for nuclear receptors of the nerve growth factor-induced protein B type</i> <i>Proceedings of the National Academy of Sciences</i> , Vol. 92 (August 1995) pp. 7966-7970
mm	CH	Swevers et al., <i>The Silkmoth Homolog of the Drosophila Ecdysone Receptor (B1 Isoform): Cloning and Analysis of Expression During Follicular Cell Differentiation</i> <i>Insect Biochemistry and Molecular Biology</i> , Vol. 25, No. 7 (1995) pp. 857-866
mm	CI	Thomas, et al., <i>Heterodimerization of the Drosophila ecdysone receptor with retinoid X receptor and ultraspiracle</i> <i>Nature</i> , Vol. 362 (April 1993) pp. 471-475
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mm	CK	Wing K.D., <i>RH 5849, a Nonsteroidal Ecdysone Agonist: Effects on a Drosophila Cell Line</i> <i>Science</i> , 241 (1988) 467-469.
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